

September 6, 2002
Case No. NL000445 (7790/146)
Serial No.: 09/915,682
Filed: July 26, 2001
Page 2

IN THE CLAIMS

Please cancel claim 4.

Please amend claims 1-6 as follows:

1. (Amended) A system, comprising:

at least two printed circuit boards on which printed circuits are provided, said printed circuit boards each including electrical contact elements for electrically interconnecting the printed circuit boards,

wherein the electrical contact elements of one printed circuit board are formed by a number of electroconductive pins manufactured so as to be in one piece with said printed circuit board, and in that the electrical contact elements of the other printed circuit board are formed by a number of recesses having an electroconductive inner surface formed in said other printed circuit board, the pins entering the corresponding recesses and being secured therein by soldering.

2. (Amended) The system as claimed in claim 1, wherein the electroconductive pins are coated on all sides with an electroconductive material.

3. (Amended) The system as claimed in claim 1, wherein the inner surface of the recesses is coated on all sides with an electroconductive material.

5. (Amended) The system as claimed in claim 2, wherein the thickness of the electroconductive material ranges between 25 μm and 40 μm .

6. (Amended) The system as claimed in claim 1, wherein the electroconductive pins have a diameter below 3 mm.

September 6, 2002
Case No. NL000445 (7790/146)
Serial No.: 09/915,682
Filed: July 26, 2001
Page 3

Please add claims 9-12 as follows:

--9. The system as claimed in claim 1, wherein the thickness of the electroconductive material approximates 35 μm .--

-- 10. The system as claimed in claim 1, wherein the electroconductive pins have a diameter below 2 mm.--

-- 11. The system as claimed in claim 1, wherein the electroconductive pins have a diameter below 1.5 mm.--

C-3
--12. (Amended) A system, comprising:
a first printed circuit board including a
a first printed circuit, and
a plurality of electroconductive pins; and
a second printed circuit board including
a second printed circuit, and
a plurality of recesses having an electroconductive inner surface formed in
said second printed circuit board,

wherein said plurality of electroconductive pins are secured within
said plurality of recesses.--